



## Mathematics studies physics

### A FIRB grant awarded to SISSA to study physics using mathematical tools

18 March 2014

One million euro from 2014 to 2017 to study the physics of condensed matter using the most sophisticated instruments of mathematics. That is the amount of the FIRB grant awarded to the Mathematics Area of the International School for Advanced Studies (SISSA) of Trieste. Thanks to this grant, a new research scientist, Alessandro Michelangeli, will be joining SISSA in a few days' time.

---

Once again SISSA has demonstrated its ability to secure major funds and maintain the highest levels of quality of scientific research. This time it has won a FIRB grant amounting to around one million euro to be spent from now until 2017.

The winning research project has a multidisciplinary breadth. The grant has in fact been awarded to the Mathematics Area of SISSA, coordinated by Ugo Bruzzo, for a project investigating the application of the most advanced mathematical methods to studies of condensed matter physics, one of the most developed and traditional research areas in contemporary physics.

Thanks to this grant, a new research scientist, Alessandro Michelangeli, from Ludwig Maximilians University and the Centre for Advanced Studies of Munich will be joining SISSA. Michelangeli will be coordinating the team in charge of the research project for the next three years, team which includes two former SISSA students, who now have the opportunity to come back to SISSA as research scientists.

#### ***More in detail***

FIRB grants are part of the scheme "Future In Research" of the Italian Ministry of Education, University and Research, and are addressed to young research teams with a view to encouraging generational renewal and helping Italian research to emerge within the European framework. The grant won by Michelangeli and his colleagues is the only FIRB 2014 grant approved in the Physics Mathematics disciplinary sector and in the broader macrosector PE: Mathematics, physical sciences, information and communication.



**Contact:**

Communication office:

[pressroom@sissa.it](mailto:pressroom@sissa.it)

Tel: (+39) 040 3787557 | (+39) 340-5473118, (+39) 333-5275592

via Bonomea, 265

34136 Trieste

More information about SISSA: [www.sissa.it](http://www.sissa.it)

